

# CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/710,444

CRF Processing Date: 8/15/02  
 Edited by: DE  
 Verified by: DE (STIC staff)

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: **ENTERED** #9
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other \_\_\_\_\_
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: \_\_\_\_\_
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: \_\_\_\_\_
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: \_\_\_\_\_
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: \_\_\_\_\_
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: \_\_\_\_\_
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as \_\_\_\_\_
- ☐ Inserted mandatory headings, specifically: \_\_\_\_\_
- ☐ Corrected an obvious error in the response, specifically: \_\_\_\_\_
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: \_\_\_\_\_
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

\*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/710,444

DATE: 08/15/2002 P.6  
TIME: 10:27:47

Input Set : A:\PTO.DC.TXT

Output Set: N:\CRF4\08152002\I710444.raw

```

3 <110> APPLICANT: Riechmann, Lutz
4      Kristensen, Peter
5      Jestin, Jean-Luc
6      Winter, Gregory
8 <120> TITLE OF INVENTION: Selection System
10 <130> FILE REFERENCE: 8039/1090
12 <140> CURRENT APPLICATION NUMBER: 09/710,444
13 <141> CURRENT FILING DATE: 2000-11-10
15 <150> PRIOR APPLICATION NUMBER: GB 9810223.9
16 <151> PRIOR FILING DATE: 1998-05-13
18 <150> PRIOR APPLICATION NUMBER: GB 9810228.8
19 <151> PRIOR FILING DATE: 1998-05-13
21 <150> PRIOR APPLICATION NUMBER: PCT/GB99/01526
22 <151> PRIOR FILING DATE: 1999-05-13
24 <160> NUMBER OF SEQ ID NOS: 78
26 <170> SOFTWARE: PatentIn version 3.1
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 17
30 <212> TYPE: PRT
C--> 31 <213> ORGANISM: Artificial
33 <220> FEATURE:
34 <221> NAME/KEY: MISC_FEATURE
35 <222> LOCATION: (1)..(17)
36 <223> OTHER INFORMATION: Synthetic linker peptide sequence with protease recognition
sites
39 <400> SEQUENCE: 1
41 Pro Ala Gly Leu Ser Glu Gly Ser Thr Ile Glu Gly Arg Gly Ala His
42 1          5          10          15
45 Glu
49 <210> SEQ ID NO: 2
50 <211> LENGTH: 57
51 <212> TYPE: DNA
C--> 52 <213> ORGANISM: Artificial
54 <220> FEATURE:
55 <221> NAME/KEY: misc_feature
56 <222> LOCATION: (1)..(57)
57 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening
60 <400> SEQUENCE: 2
61 ggcaccctca gaacggtacc ccaccctcag aggcggctg ggccgccacc ctcagag      57
64 <210> SEQ ID NO: 3
65 <211> LENGTH: 89
66 <212> TYPE: DNA
C--> 67 <213> ORGANISM: Artificial
69 <220> FEATURE:

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## RAW SEQUENCE LISTING

DATE: 08/15/2002

PATENT APPLICATION: US/09/710,444

TIME: 10:27:47

Input Set : A:\PTO.DC.TXT

Output Set: N:\CRF4\08152002\I710444.raw

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70 <221> NAME/KEY: misc_feature
71 <222> LOCATION: (1)..(89)
72 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening
75 <400> SEQUENCE: 3
76 ggtggcggcc cagccggcct ttctgagggg tcgactatag aaggacgagg gccacgcgaa      60
78 ggaggtgggg taccoccttc tgaggggtgg                                     89
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82 <211> LENGTH: 89
83 <212> TYPE: DNA
C--> 84 <213> ORGANISM: Artificial
86 <220> FEATURE:
87 <221> NAME/KEY: misc_feature
88 <222> LOCATION: (1)..(89)
89 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening
92 <400> SEQUENCE: 4
93 ccaccctcag aaggggggtac ccacctcct tcgctgggcc ctogtccttc tatagtcgac      60
95 ccctcagaaa ggccgggtgg gccgccacc                                     89
98 <210> SEQ ID NO: 5
99 <211> LENGTH: 24
100 <212> TYPE: DNA
C--> 101 <213> ORGANISM: Artificial
103 <220> FEATURE:
104 <221> NAME/KEY: misc_feature
105 <222> LOCATION: (1)..(24)
106 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening
109 <400> SEQUENCE: 5
110 gcgatggttg ttgtcattgt cggc                                           24
113 <210> SEQ ID NO: 6
114 <211> LENGTH: 24
115 <212> TYPE: DNA
C--> 116 <213> ORGANISM: Artificial
118 <220> FEATURE:
119 <221> NAME/KEY: misc_feature
120 <222> LOCATION: (1)..(24)
121 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening
124 <400> SEQUENCE: 6
125 aaaagaaacg caaagacacc acgg                                           24
128 <210> SEQ ID NO: 7
129 <211> LENGTH: 23
130 <212> TYPE: DNA
C--> 131 <213> ORGANISM: Artificial
133 <220> FEATURE:
134 <221> NAME/KEY: misc_feature
135 <222> LOCATION: (1)..(23)
136 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening
139 <400> SEQUENCE: 7
140 cctcctgagt acgtgatac acc                                              23
143 <210> SEQ ID NO: 8
144 <211> LENGTH: 24

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## RAW SEQUENCE LISTING

DATE: 08/15/2002

PATENT APPLICATION: US/09/710,444

TIME: 10:27:47

Input Set : A:\PTO.DC.TXT

Output Set: N:\CRF4\08152002\I710444.raw

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145 <212> TYPE: DNA
C--> 146 <213> ORGANISM: Artificial
148 <220> FEATURE:
149 <221> NAME/KEY: misc_feature
150 <222> LOCATION: (1)..(24)
151 <223> OTHER INFORMATION: Synthetic PCR primer used to screen for recombinant clones
154 <400> SEQUENCE: 8
155 gtaaattcag agactgcgct ttcc 24
158 <210> SEQ ID NO: 9
159 <211> LENGTH: 26
160 <212> TYPE: DNA
C--> 161 <213> ORGANISM: Artificial
163 <220> FEATURE:
164 <221> NAME/KEY: misc_feature
165 <222> LOCATION: (1)..(26)
166 <223> OTHER INFORMATION: Synthetic PCR primer used to screen for recombinant clones
169 <400> SEQUENCE: 9
170 attttcggtc atagccccct tattag 26
173 <210> SEQ ID NO: 10
174 <211> LENGTH: 65
175 <212> TYPE: DNA
C--> 176 <213> ORGANISM: Artificial
178 <220> FEATURE:
179 <221> NAME/KEY: misc_feature
180 <222> LOCATION: (1)..(65)
181 <223> OTHER INFORMATION: Synthetic PCR primer recognizing FLAG tag nucleotide
sequence
184 <400> SEQUENCE: 10
185 caaacgggcg gccgcagact acaaggatga cgacgacaag gaaactgttg aaagttgttt 60
187 agcaa 65
190 <210> SEQ ID NO: 11
191 <211> LENGTH: 51
192 <212> TYPE: DNA
C--> 193 <213> ORGANISM: Artificial
195 <220> FEATURE:
196 <221> NAME/KEY: misc_feature
197 <222> LOCATION: (1)..(51)
198 <223> OTHER INFORMATION: Synthetic PCT primer used to change codon usage in
recombinant cl
199 ones
202 <400> SEQUENCE: 11
203 cccctcagaa aggccggctg ggccgcccgc agcattgaca ggagggttcag g 51
206 <210> SEQ ID NO: 12
207 <211> LENGTH: 52
208 <212> TYPE: DNA
C--> 209 <213> ORGANISM: Artificial
211 <220> FEATURE:
212 <221> NAME/KEY: misc_feature
213 <222> LOCATION: (1)..(52)
214 <223> OTHER INFORMATION: Synthetic PCT primer used to change codon usage in
recombinant cl
215 ones

```

## RAW SEQUENCE LISTING

DATE: 08/15/2002

PATENT APPLICATION: US/09/710,444

TIME: 10:27:47

Input Set : A:\PTO.DC.TXT

Output Set: N:\CRF4\08152002\I710444.raw

```

218 <400> SEQUENCE: 12
219 gaaggagggtg gggtagccgg ttccgagggt ggttccggtt ccggtgattt tg      52
222 <210> SEQ ID NO: 13
223 <211> LENGTH: 36
224 <212> TYPE: DNA
C--> 225 <213> ORGANISM: Artificial
227 <220> FEATURE:
228 <221> NAME/KEY: misc_feature
229 <222> LOCATION: (1)..(36)
230 <223> OTHER INFORMATION: Synthetic PCR primer for vector construction/screening
233 <400> SEQUENCE: 13
234 ccctcggaac cggtagcccca gctgcttcgt gggccc      36
237 <210> SEQ ID NO: 14
238 <211> LENGTH: 47
239 <212> TYPE: DNA
240 <213> ORGANISM: Bacillus amyloliquefaciens
242 <400> SEQUENCE: 14
243 ctggcgggcgg ccagccggc cctgcacagg ttatcaacac gtttgac      47
246 <210> SEQ ID NO: 15
247 <211> LENGTH: 43
248 <212> TYPE: DNA
249 <213> ORGANISM: Bacillus amyloliquefaciens
251 <400> SEQUENCE: 15
252 ctcggaaccg gtacctctga tttttgtaaa ggtctgataa gcg      43
255 <210> SEQ ID NO: 16
256 <211> LENGTH: 44
257 <212> TYPE: DNA
258 <213> ORGANISM: Gallus gallus
260 <400> SEQUENCE: 16
261 ggcggcccgag ccggcctttc tctctctgac gaggacttca aggc      44
264 <210> SEQ ID NO: 17
265 <211> LENGTH: 41
266 <212> TYPE: DNA
267 <213> ORGANISM: Gallus gallus
269 <400> SEQUENCE: 17
270 cctcggaacc ggtaccgaag agtcctttct ccttcttgag g      41
273 <210> SEQ ID NO: 18
274 <211> LENGTH: 18
275 <212> TYPE: DNA
C--> 276 <213> ORGANISM: Artificial
278 <220> FEATURE:
279 <221> NAME/KEY: misc_feature
280 <222> LOCATION: (1)..(18)
281 <223> OTHER INFORMATION: Synthetic PCR primer used for library construction
284 <400> SEQUENCE: 18
285 tacgccaagc ttgcatgc      18
288 <210> SEQ ID NO: 19
289 <211> LENGTH: 17
290 <212> TYPE: DNA

```

## RAW SEQUENCE LISTING

DATE: 08/15/2002

PATENT APPLICATION: US/09/710,444

TIME: 10:27:47

Input Set : A:\PTO.DC.TXT

Output Set: N:\CRF4\08152002\I710444.raw

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C--> 291 <213> ORGANISM: Artificial
      293 <220> FEATURE:
      294 <221> NAME/KEY: misc_feature
      295 <222> LOCATION: (1)..(17)
      296 <223> OTHER INFORMATION: Synthetic PCR primer used for library construction
      299 <400> SEQUENCE: 19
      300 ctgcacctgg gccatgg                                     17
      303 <210> SEQ ID NO: 20
      304 <211> LENGTH: 17
      305 <212> TYPE: DNA
C--> 306 <213> ORGANISM: Artificial
      308 <220> FEATURE:
      309 <221> NAME/KEY: misc_feature
      310 <222> LOCATION: (1)..(17)
      311 <223> OTHER INFORMATION: Synthetic PCR primer used for library construction
      314 <400> SEQUENCE: 20
      315 gattacgcca agctttg                                     17
      318 <210> SEQ ID NO: 21
      319 <211> LENGTH: 126
      320 <212> TYPE: DNA
      321 <213> ORGANISM: Erwinia chrysanthemi
      323 <220> FEATURE:
      324 <221> NAME/KEY: misc_feature
      325 <223> OTHER INFORMATION: n at positions 23, 24, 29, 55, 56, 81, 97, 101, and 102 can
be G,
      326      A, T or C
      329 <220> FEATURE:
      330 <221> NAME/KEY: misc_feature
      331 <222> LOCATION: (23)..(23)
      332 <223> OTHER INFORMATION: n at position 23 can be G, A, T or C
      335 <220> FEATURE:
      336 <221> NAME/KEY: misc_feature
      337 <222> LOCATION: (24)..(24)
      338 <223> OTHER INFORMATION: n at position 24 can be G, A, T or C
      341 <220> FEATURE:
      342 <221> NAME/KEY: misc_feature
      343 <222> LOCATION: (29)..(29)
      344 <223> OTHER INFORMATION: n at position 29 can be G, A, T or C
      347 <220> FEATURE:
      348 <221> NAME/KEY: misc_feature
      349 <222> LOCATION: (55)..(55)
      350 <223> OTHER INFORMATION: n at position 55 can be G, A, T or C
      353 <220> FEATURE:
      354 <221> NAME/KEY: misc_feature
      355 <222> LOCATION: (56)..(56)
      356 <223> OTHER INFORMATION: n at position 56 can be G, A, T or C
      359 <220> FEATURE:
      360 <221> NAME/KEY: misc_feature
      361 <222> LOCATION: (81)..(81)
      362 <223> OTHER INFORMATION: n at position 81 can be G, A, T or C

```

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/710,444

DATE: 08/15/2002  
TIME: 10:27:48

Input Set : A:\PTO.DC.TXT  
Output Set: N:\CRF4\08152002\I710444.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:21; N Pos. 23,24,29,55,56,81,97,101,102  
Seq#:22; N Pos. 18,19,20,21  
Seq#:26; N Pos. 14,15,20,46,47  
Seq#:31; N Pos. 22,38,42,43  
Seq#:34; N Pos. 22,43,44  
Seq#:40; N Pos. 9,10,11,12  
Seq#:51; N Pos. 19,20,21,22,23,24  
Seq#:76; Xaa Pos. 36,38

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,18,19,20,24,25,26,27,28,29,30,31,32,33,34  
Seq#:36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59  
Seq#:60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/710,444

DATE: 08/15/2002

TIME: 10:27:48

Input Set : A:\PTO.DC.TXT

Output Set: N:\CRF4\08152002\I710444.raw

L:31 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1  
L:52 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2  
L:67 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3  
L:84 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4  
L:101 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5  
L:116 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6  
L:131 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7  
L:146 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8  
L:161 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9  
L:176 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10  
L:193 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11  
L:209 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12  
L:225 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13  
L:276 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:18  
L:291 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:19  
L:306 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:20  
L:384 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0  
L:386 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:60  
L:421 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0  
L:441 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:24  
L:456 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:25  
L:471 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:26  
L:510 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0  
L:516 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:27  
L:531 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:28  
L:546 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:29  
L:561 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:30  
L:576 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:31  
L:609 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0  
L:615 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:32  
L:630 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:33  
L:645 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:34  
L:672 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0  
L:693 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:36  
L:714 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:37  
L:735 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:38  
L:756 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:39  
L:771 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:40  
L:804 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0  
L:810 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:41  
L:825 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:42  
L:840 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:43  
L:855 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:44  
L:870 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:45  
L:891 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:46  
L:912 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:47  
L:928 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:48  
L:944 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:49



## VERIFICATION SUMMARY

DATE: 08/15/2002

PATENT APPLICATION: US/09/710,444

TIME: 10:27:48

Input Set : A:\PTO.DC.TXT

Output Set: N:\CRF4\08152002\I710444.raw

L:960 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:50  
L:977 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:51  
L:1022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0  
L:1028 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:52  
L:1044 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:53  
L:1069 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:54  
L:1094 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:55  
L:1119 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:56  
L:1144 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:57  
L:1169 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:58  
L:1609 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:32



**Does Not Comply**  
**Corrected Diskette Needed**

OIPE

**RAW SEQUENCE LISTING**  
 PATENT APPLICATION: US/09/710,444

DATE: 08/09/2002  
 TIME: 12:55:46

Input Set : A:\Mjfl119.txt  
 Output Set: N:\CRF3\08092002\I710444.raw

**RECEIVED**

**AUG 28 2002**

**TECH CENTER 1600/2900**

3 <110> APPLICANT: Riechmann, Lutz  
 4 Kristensen, Peter  
 5 Jestin, Jean-Luc  
 6 Winter, Gregory  
 8 <120> TITLE OF INVENTION: Selection System  
 10 <130> FILE REFERENCE: 8039/1090  
 12 <140> CURRENT APPLICATION NUMBER: 09/710,444  
 13 <141> CURRENT FILING DATE: 2000-11-10  
 15 <150> PRIOR APPLICATION NUMBER: GB 9810223.9  
 16 <151> PRIOR FILING DATE: 1998-05-13  
 18 <150> PRIOR APPLICATION NUMBER: GB 9810228.8  
 19 <151> PRIOR FILING DATE: 1998-05-13  
 21 <150> PRIOR APPLICATION NUMBER: PCT/GB99/01526  
 22 <151> PRIOR FILING DATE: 1999-05-13  
 24 <160> NUMBER OF SEQ ID NOS: 78  
 26 <170> SOFTWARE: PatentIn version 3.1

**ERRORED SEQUENCES**

1629 <210> SEQ ID NO: 78  
 1630 <211> LENGTH: 11  
 1631 <212> TYPE: PRT  
 C--> 1632 <213> ORGANISM: artificial  
 1634 <220> FEATURE:  
 1635 <221> NAME/KEY: MISC\_FEATURE  
 1636 <222> LOCATION: (1)..(11)  
 1637 <223> OTHER INFORMATION: Amino acid sequence about the junction of barnase and p3  
 coding r  
 1638 regions of recombinant fusion vector fd-3.  
 1641 <400> SEQUENCE: 78  
 1643 Ile Arg Leu Gln Ala Ala Ala Glu Thr Val  
 1644 5 10  
 E--> 1647 1  
 E--> 1650 1 -delete

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/710,444

DATE: 08/09/2002  
TIME: 12:55:47

Input Set : A:\Mjfl1119.txt  
Output Set: N:\CRF3\08092002\I710444.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,  
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,18,19,20,24,25,26,27,28,29,30,31,32,33,34

Seq#:36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57,58,59

Seq#:60,61,62,63,64,65,66,67,68,69,70,71,72,73,74,75,76,77,78

## VERIFICATION SUMMARY

DATE: 08/09/2002

PATENT APPLICATION: US/09/710,444

TIME: 12:55:47

Input Set : A:\Mjfl119.txt

Output Set: N:\CRF3\08092002\I710444.raw

L:31 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1  
L:52 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2  
L:67 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3  
L:84 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4  
L:101 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5  
L:116 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6  
L:131 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7  
L:146 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8  
L:161 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9  
L:176 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10  
L:193 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11  
L:209 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12  
L:225 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13  
L:276 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:18  
L:291 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:19  
L:306 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:20  
L:384 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:0  
L:386 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21 after pos.:60  
L:421 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22 after pos.:0  
L:441 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:24  
L:456 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:25  
L:471 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:26  
L:510 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26 after pos.:0  
L:516 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:27  
L:531 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:28  
L:546 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:29  
L:561 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:30  
L:576 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:31  
L:609 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31 after pos.:0  
L:615 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:32  
L:630 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:33  
L:645 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:34  
L:672 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:0  
L:693 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:36  
L:714 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:37  
L:735 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:38  
L:756 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:39  
L:771 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:40  
L:804 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0  
L:810 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:41  
L:825 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:42  
L:840 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:43  
L:855 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:44  
L:870 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:45  
L:891 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:46  
L:912 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:47  
L:928 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:48  
L:944 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:49

## VERIFICATION SUMMARY

DATE: 08/09/2002

PATENT APPLICATION: US/09/710,444

TIME: 12:55:47

Input Set : A:\Mjfl1119.txt

Output Set: N:\CRF3\08092002\I710444.raw

L:960 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:50  
L:977 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:51  
L:1022 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0  
L:1028 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:52  
L:1044 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:53  
L:1069 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:54  
L:1094 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:55  
L:1119 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:56  
L:1144 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:57  
L:1169 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:58  
L:1609 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:32  
L:1647 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:78  
M:332 Repeated in SeqNo=78